

## 2005

### Thematic

### Area: Natural Resources and Sustainability

- 1 Project Title:** Evaluation of Pelagic Trawl Pingers and their Effect on the Behaviour of Bottlenose Dolphins Tursiops Truncatus  
**Lead Researcher:** Dr. Dave McGrath  
**Postgraduate:** Ruth Leamy  
**Funding Body:** Bord Iascaigh Mhara
- 2 Project Title:** Monitoring catch and effort in the developing deepwater crab fishery  
**Lead Researcher:** Dr. Martin Robinson  
**Postdoc:** Dr. Mary Hayes  
**Funding Body:** Bord Iascaigh Mhara
- 3 Project Title:** Connectivity of Brown Crab Stocks in the Northwest  
**Lead Researcher:** Dr. Martin Robinson/Brendan Allen  
**Funding Body:** Bord Iascaigh Mhara
- 4 Project Title:** Implementation of a Logbook System for Crawfish and Collection of Growth and Recruitment Data  
**Lead Researcher:** Dr. Martin Robinson  
**Funding Body:** Bord Iascaigh Mhara
- 5 Project Title:** Management measures to conserve existing Whelk Fisheries & Exploration of Novel Stocks on the West Coast of Ireland  
**Lead Researcher:** Dr. Martin Robinson  
**Funding Body:** Bord Iascaigh Mhara
- 6 Project Title:** All's Quiet on the Western Front?  
**Lead Researcher:** Dr. Ian O'Connor  
**Funding Body:** GMIT - IRDP 2005 (Seed Programme)
- 7 Project Title:** An Investigation into Finfish Potting in Irish Waters (FishPot)  
**Lead Researcher:** Dr. Ian O'Connor  
**Postgraduate:** Clare Murray  
**Funding Body:** GMIT - IRDP 2005 (Masters Programme)
- 8 Project Title:** Remote Vision System for Environmental Assessment  
**Lead Researcher:** Vlad Teleanca  
**Funding Body:** GMIT - IRDP 2005 (Masters Programme)
- 9 Project Title:** On-Site Characterisation, Optimisation and Promotion of Heat Pump Technology in Ireland (GSHP-IRL)  
**Lead Researcher:** Dr. John Lohan  
**Postgraduate:** Michael Greene  
**Funding Body:** Enterprise Ireland - Innovation Partnership
- 10 Project Title:** Monitoring and Assessment of NW Edible Crab  
**Lead Researcher:** Dr. Martin Robinson  
**Funding Body:** Bord Iascaigh Mhara - Supporting Measures Sea Fisheries Development Programme
- 11 Project Title:** Monitoring the Prevalence of the Parasitic Dinoflagellate Hematodinium in Irish Crustacean Fisheries; Determining Vectors for Infection and their Relevance to Fishing Practices.  
**Lead Researcher:** Dr. Martin Robinson  
**Postgraduate:** Ciara Ní Chualáin  
**Funding Body:** Bord Iascaigh Mhara - Supporting Measures Sea Fisheries Development Programme

- 12 **Project Title:** Stock structure and migration patterns in Atlantic albacore tuna - providing essential data for sustainable management of a valuable fishery  
**Lead Researcher:** Dr. Deirdre Brophy  
**Postgraduate:** Carys Ann Davies  
**Funding Body:** Bord Iascaigh Mhara - Supporting Measures Sea Fisheries Development
- 13 **Project Title:** Developing Multi-species Onboard Grading Equipment Suitable for Application in Irish Inshore Mollusc Fisheries  
**Lead Researcher:** Dr. Martin Robinson  
**Postgraduate:** Vlad Teleanca  
**Funding Body:** Bord Iascaigh Mhara - Supporting Measures Sea Fisheries Development Programme
- 14 **Project Title:** Spatio-temporal Scales of Variability in the Early Life History of Plaice  
**Lead Researcher:** Dr. Dave McGrath  
**Postgraduate:** Roisin O'Callaghan  
**Funding Body:** Department of Education & Science - TSR Strand 1
- 15 **Project Title:** An investigation of the Reproductive Cycle in the Edible Mussel *Mytilus Edulis*, the Mediterranean Mussel, *Mytilus Galloprovincialis* and Hybrids on Irish Coasts  
**Lead Researcher:** Dr. Elizabeth Gosling  
**Postgraduate:** Sandra Doherty  
**Funding Body:** Department of Education & Science - TSR Strand 1
- 16 **Project Title:** The Lysianassoidea of the North-East Atlantic and Mediterranean, Resolving Problems in Selected Genera  
**Lead Researcher:** Dr. Dave McGrath  
**Postgraduate:** Niamh Kilgallen  
**Funding Body:** Marine Institute
- 17 **Project Title:** Evaluating the Efficiency Gains that Result from using a Novel Sun-Tracking System to Position Solar Collectors Relative to the Sun (Sun-Tracker)  
**Lead Researcher:** Dr. John Lohan  
**Funding Body:** Enterprise Ireland - Innovation Partnership
- 18 **Project Title:** Evaluation of Pelagic Trawl Pingers and their Effect on the Behaviour of Common Dolphins *Delphinus Delphis*  
**Lead Researcher:** Dr. Dave McGrath  
**Funding Body:** Bord Iascaigh Mhara
- 19 **Project Title:** Benthic Mapping of the Biologically Sensitive as a Tool in Ocean Management  
**Lead Researcher:** Dr. Ian O'Connor  
**Postgraduate:** Matthew Jason Clarke  
**Funding Body:** Marine Institute - Marine RTDI Postgraduate Scholarship Award
- 20 **Project Title:** Monitoring the Prevalence of the Parasites (Dinoflagellate *Hematodium*) in the Irish Brown Crab Fisheries  
**Lead Researcher:** Dr. Martin Robinson  
**Funding Body:** Bord Iascaigh Mhara - Supporting Measures Sea Fisheries Development Programme
- 21 **Project Title:** Analysis of the Potential of Alder and Eucalyptus in the Wood Products Industry in Ireland  
**Lead Researcher:** Dermot O'Donovan  
**Funding Body:** GMIT - IRDP 2005 (Seed Programme)